Monday, 16 March 2020

1300 – 1700 REGISTRATION (South Hall Foyer)

Tuesday, 17 March 2020

0700 – 1730 REGISTRATION (South Hall Foyer)

0700 – 0800 COFFEE SERVICE
Sponsored by Lockheed Martin Corporation

0800 – 0805 PRESENTATION OF COLORS

0805 – 0810 SYMPOSIUM ADMINISTRATION, SAFETY, SECURITY
Alex Brody
Director, Meetings
Association of the United States Army

0810 – 0815 INTRODUCTION/WELCOME
GEN Carter F. Ham
United States Army Retired
President and Chief Executive Officer
Association of the United States Army

0815 – 0900 KEYNOTE SPEAKER
GEN James C. McConville
Chief of Staff of the United States Army

0900 – 0920 SPEAKER
HON E. Casey Wardynski
Assistant Secretary of the Army (Manpower and Reserve Affairs)
0920 – 1045  **People First** (PANEL DISCUSSION 1)

Moderator:
**LTG Howard B. Bromberg**
United States Army Retired
Former Deputy Chief of Staff, G-1

Panelists:
**MG John R. Evans**
Commanding General
United States Army Cadet Command

**Dr. Todd A. Fore**
Deputy Assistant Secretary of the Army (Manpower and Reserve Affairs)

**Ms. Carol G. Burton**
Director, United States Army Civilian Human Resources Agency

**BG Thomas J. “TJ” Edwards**
Director, Officer Personnel Management Directorate
United States Army Human Resources Command

**Mr. Ronald W. Pontius**
Deputy to the Commanding General
United States Army Cyber Command

0930 – 1525  xTechSearch 3 Proof-of-Concept Demonstrations (**North Hall 3**)  
Please see the full schedule beginning at page 11.

0930 – 1600  xTechSearch 4 Presentations (**North Hall 2**)  
Please see the full schedule beginning on page 11.

1000 – 1730  **EXHIBIT HALLS OPEN** – East Hall, Outdoors, and South Hall

1000 – 1030  Refreshment Break  
*Sponsored by American Rheinmetall Defense*

1015 – 1500  Army Civilian Career Presentations (**South Hall, U.S. Army Booth 717**)  
Please see the full schedule below at page 15.

1045 – 1215  **Foundational Approach to Deliver Highly Trained, Cohesive Units that Win**  
(PANEL DISCUSSION 2)

Panel Moderator:
**LTG John M. “Mick” Bednarek**
United States Army Retired

Panel Chair:
**GEN Michael X. Garrett**
Commanding General
United States Army Forces Command
Panelists:

**SMA Michael A. Grinston**  
16th Sergeant Major of the Army

**CSM Joseph C. “Curt” Cornelison**  
Command Sergeant Major  
United States Army Forces Command

**CPT Kristen M. Griest**  
Team Leader, 2nd Security Force Assistance Brigade

1100 – 1330 Lunch on own. Concessions available in the Arena.

1150 – 1720 Warriors Corner Presentations *(South Hall, U.S. Army Booth 717)*  
Please see the full schedule below beginning on page 9.

1215 – 1230 xTechSearch Accelerator Presentation

1215 – 1330 Senior Leader Industry Engagements – East Hall, Outdoors, and South Hall

1330 – 1515 **Building the Future Force: Electrification of the Army** (PANEL DISCUSSION 3)  
Panel Moderator: TBD

Panel Chair:  
**LTG Eric J. Wesley**  
Deputy Commanding General, United States Army Futures Command  
Director, Futures and Concepts Center, United States Army Futures Command

Panel Members:  
**GEN William S. “Scott” Wallace**  
United States Army Retired

**LTG David Halverson**  
United States Army Retired, President and CEO, Cypress International  
Former Commanding General, United States Army Installation Management Command

**Mr. Jeff Waksman**  
Program Manager, Strategic Capabilities  
Office of the Secretary of Defense

**Mr. James Y. Khoury**  
Senior Manager, Global Hybrid Battery Engineering  
General Motors

1515 – 1525 TECH TEN PRESENTATION – *Elbit Systems*

1515 – 1545 Refreshment Break *Sponsored by Noblis*

As of 3.2.20
Wednesday, 18 March 2020

0700 – 1700  REGISTRATION (South Hall Foyer)

0700 – 0800  COFFEE SERVICE Sponsored by Lockheed Martin Corporation

0800 – 0810  OPENING REMARKS

GEN Carter F. Ham
United States Army Retired
President and Chief Executive Officer
Association of the United States Army

0810 – 0820  SPEAKER
GEN John M. Murray
Commanding General
United States Army Futures Command

0820-0945  Army Modernization Enterprise S&T: Making the Connection from Science, to Concept, to Acquisition for the Soldier (PANEL DISCUSSION 4)

Panel Moderator:
Mr. Sydney J. Freedberg Jr.
Deputy Editor, Breaking Defense

Panel Members:
COL Len Rosanoff
Director, Army Applications Lab
United States Army Futures Command

MG Richard C. Staats
Commanding General
75th Innovation Command

Industry Partner – Successful Collaboration - TBD

0930 – 1530  xTechSearch 3.0 Proof-of-Concept Demonstrations (North Hall 3)
Please see the full schedule beginning at page 11.

0930 – 1600  xTechSearch 4.0 Presentations (North Hall 2)
Please see the full schedule beginning at page 11.
0945 – 1000  PRESENTATION OF THE 2019 ARMY ATHLETES AND COACH OF THE YEAR  
  LTG Guy C. Swan  
  United States Army Retired  
  Vice President, Education  
  Association of the United States Army  

  Peter Murphy, Jr.  
  United States Army Retired  

1000 – 1030  REFRESHMENT BREAK (East Hall, Outdoors, and South Hall)  
Sponsored by DynCorp International  

1000 – 1700  EXHIBIT HALLS OPEN (East Hall, Outdoors, and South Hall)  

1000 – 1705  Warriors Corner Presentations  
(South Hall U.S. Army Booth 717)  
Please see the full schedule below beginning at page 9.  

1000 – 1330  Senior Leader Engagements –  
East Hall, Outdoors, and South Hall  

1015 – 1500  Army Civilian Career Presentations  
(South Hall U.S. Army Booth 717)  
Pease see the full schedule below beginning at page 15.  

1100 – 1330  LUNCH on own. Concessions available in the Arena.  

1330 – 1340  TECH TEN PRESENTATION –  
IBM  

1340 – 1350  SPEAKER  
GEN Gustave F. Perna  
Commanding General  
United States Army Materiel Command  

1350 – 1510  Mobilization and Deployment Surge Operations  
(PANEL DISCUSSION 5)  

Panel Moderator:  
MG James E. Rogers  
United States Army Retired  
Vice President, Army Programs Integration, Government Affairs for Lockheed Martin  

Panel Chair:  
LTG Douglas M. Gabram  
Commander  
United States Army Installation Management Command  

Panel Members:  
LTG Leopoldo A. “Lee” Quintas, Jr.  
Deputy Commanding General  
United States Army Forces Command  

MG Steven A. Shapiro  
Commanding General  
United States Army Sustainment Command
As of 3.2.20

HON Alan Estevez
Former Principal Deputy Under Secretary
Acquisition, Technology, & Logistics

1500 – 1530 REFRESHMENT BREAK (East Hall, Outdoors, and South Hall)
Sponsored by Siemens Digital Industries Software

1500 – 1700 Senior Leader Industry Engagements (East Hall, Outdoors, and South Hall)

1730 – 2100 ROCKET CITY BASH (Ticketed Event) (Space & Rocket Center)
Sponsored by the Redstone Huntsville Chapter of AUSA

Thursday, 19 March 2020

0700 – 1200 REGISTRATION (South Hall Foyer)

0700 – 0800 COFFEE SERVICE Sponsored by Lockheed Martin Corporation

0800 – 0810 OPENING REMARKS
GEN Carter F. Ham
United States Army Retired
President and Chief Executive Officer
Association of the United States Army

0810 – 0850 KEYNOTE SPEAKER
TBD

0850 – 0900 TECH TEN PRESENTATION – TBD

0900 – 1200 EXHIBIT HALLS OPEN (East Hall, Outdoors, and South Hall)

0900 – 1030 Enhancing Training through Technology (PANEL DISCUSSION 6)

Panel Moderator:
LTG Sean B. MacFarland
United States Army Retired
Senior Fellow, Association of the United States Army

Panel Chair:
MG Maria Gervais
United States Army
Director, Synthetic Training Environment Cross Functional Team

BG Stephen L. Michael
Deputy Commanding General
United States Army Combined Arms Center –Training
Mr. Thomas Greco, SES  
Deputy Chief of Staff for Intelligence  
United States Army Training and Doctrine Command

Dr. Bryan Hallmark  
Senior Behavioral Scientist  
RAND Corporation

0900 – 1030  
ROTC/FUTURE SOLDIERS PANEL (North Hall)

Panelists:  
**COL John Olshefski**  
United States Army Retired  
Vice President for Customer Care at Huntsville Utilities

**COL William “Bill” Bigelow**  
United States Army Retired

**COL Mike Izzo**  
Alabama National Guard  
and Captain in the Huntsville Police Department

**LTC Nicole Davis**  
Strategic Planner/Senior Staff Officer (G3)  
United States Army Materiel Command

Anthony Dowdell  
Company Commander/North Alabama Recruiting Operations  
Yorktown Systems Group

1030 – 1045  
ANNOUNCEMENT OF XTECHSEARCH WINNERS/FINALISTS  
**HON Bruce D. Jette**  
Assistant Secretary of the Army (Acquisition, Logistics and Technology)

1045-1050  
SPEAKER  
**LTG Bruce T. Crawford**  
United States Army Chief Information Officer/G6

1050-1215  
*Accelerating Network and Data Delivery* (PANEL DISCUSSION 7)

Panel Moderator:  
**Mr. Lincoln Hudson**  
Senior Vice President  
Booz Allen Hamilton

Panel Members:  
**Mr. Nand M. Mulchandani**  
Chief, Technology Officer, Joint Artificial Intelligence Center
Mr. Paul B. Puckett III  
Director, Enterprise Cloud Management Office (ECMO)  
Office of the Army Chief Information Officer/G-6  

Mr. Timothy A. Van Name  
United States Army Special Forces Command  

1225 – 1230  CLOSING REMARKS  

GEN Carter F. Ham  
United States Army Retired  
President and Chief Executive Officer  
Association of the United States Army  

1200 – 1330  Lunch on own. Concessions available in Arena.  

1230 – 1400  ROTC LUNCHEON (Ticketed Event) – North Hall  

MG John R. Evans  
Commanding General  
United States Army Cadet Command
Warriors Corner Schedule
All sessions are in South Hall, United States Army Booth 717

Tuesday, 17 March 2020

1150-1220  Integrated Personnel and Pay System – Army (IPPS-A): Modernizing Army HR and Pay
COL Gregory Johnson, Chief, Functional Management Division
LTC Boyd Bingham, Chief, Release Three

1230-1300  Army Talent Alignment Process (ATAP)
LTC Rob Gable, Army Talent Management Task Force

1310-1340  Modernizing Civilian Talent Management in Pursuit of Army Innovation
Ms. Kate Kelley, AFC, Chief Human Capital Officer
Mr. John Willison, CCDC, DCG, CP-16 Functional Chief Representative

1530-1600  Capability Set 23: March to Program Design Review
MG Pete Gallagher, Network Cross Functional Team
MG Dave Bassett, PEO Command, Control and Communications – Tactical (C3T)
Mr. Mike Monteleone, C5ISR Center

1610-1640  Information Warfare: The Force of Influence and the Influence of Force
COL Rory Crooks, Director of Concepts, Futures and Concepts Center

1650-1720  Pitch and Catch of Deploying Units
MG Steven Shapiro, CG, Army Sustainment Center
COL Matt Hamilton, Commander, 406th Army Field Support Brigade
# Wednesday, 18 March 2020

## 1000-1030
**Delivering On-Demand Sensor to Shooter Warfighting Capability**
- **Mr. William B. Nelson**, Assured Positioning, Navigation and Timing Cross Functional Director
- **BG John Rafferty**, Long Range Precision Fires Cross Functional Team
- **BG Robert Collins**, PEO IEW&S
- **COL Douglas Matty**, Artificial Intelligence Task Force

## 1040-1110
**Ready Army Civilian Initiative**
- **Ms. Lisha Adams**, Army Materiel Command
  Executive Deputy to the Commanding General

## 1120-1150
**Increasing Soldier Lethality Through Live Training Modernization**
- **BG Stephen Michael**, Deputy Commanding General, Combined Arms Center-Training
- **COL Michael Parsons**, Combined Arms Center-Training, Army Training Support Center

## 1200-1230
**ESB – Enhanced: Projecting the Network in support of Multi-domain Operations**
- **BG Chris Eubank**, CCoE DCG Signal & Commandant, US Army Signal School
- **COL Matt Foulk**, Commander, 35th Theater Tactical Signal Brigade

## 1240-1310
**Delivering Hypersonics and Directed Energy to Soldiers**
- **LTG L. Neil Thurgood**, Director, Army Rapid Capabilities and Critical Technologies Office (RCCTO)

## 1320-1350
**FMS Execution - Better Supporting Our International Partners**
- **MG Jeffrey Drushal**, Commanding General, US Army Security Assistance Command

## 1515-1545
**Leader Development through Combat Training Center Modernization**
- **BG Stephen Michael**, Deputy Commanding General, Combined Arms Center-Training (CAC-T)
- **COL William Rieper**, Director, Combined Arms Center-Training, Combat Training Center Directorate
- **Mr. Munsey**, Deputy Army Capability Manager, Opposition Force, Combined Arms Center-Training, National Simulation Center

## 1555-1625
**Autonomous Capability Development – Leaders/Follower and link to MDO 2.0**
- **BG Jered Helwig**, Chief of Transportation
- **Mr. Donald Overton**, Operations Chief, Logistics & Materiel Readiness Directorate

## 1635-1705
**Category Management and Contract Management at Installation Level to Drive Readiness**
- **BG Christine Beeler**, Commanding General, Mission and Installation Contracting Command
Army xTechSearch Program

xTechSearch 3.0 Proof of Concept Demonstrations
Sessions are in North Hall 3, except where noted

Tuesday, 17 March 2020

0930-1000  Welcome Remarks and Judge Panel Introductions in North Hall 2
            HON Bruce Jette
            Assistant Secretary of the Army (Acquisition, Logistics & Technology)

1000-1010  xTechSearch 3.0 competitors move to North Hall 3

1010-1030  Anti-Rotational Technologies
            SALUS Stabilizing Aerial Loads Utility System
            Aeromedical Evacuation

1055-1115  GhostWave
            Counter UAS Clandestine Perimeter Monitoring with RF Noise Radar
            Air and Missile Defense; Soldier Lethality

1140-1200  TexPower
            Next Generation Lithium Ion Batteries for Portable Military Applications
            Power and Energy; Battery Technology

1300-1330  Keynote: Mr. Thomas Webber, SES
            Director, Technical Center, U.S. Army Space and Missile Defense Command

1330-1350  Cayuga Biotech
            Nanostasis™ IV Therapy to Treat Battlefield Hemorrhage
            Medical Technologies

1420-1440  ElectroNucleics
            Point-of-Care Pathogen Detection in Minutes
            Medical Technologies

1505-1525  XOnano Smartfoam
            The Next Step in Injury Prevention: Field-Capable GRF Measurement Systems
            Medical Technologies, Soldier Lethality
Wednesday, 18 March 2020

0930-1000 Welcome Remarks and Judge Panel Introductions in North Hall 2
Mr. Larry Larimer, SES
Director, Futures Integration Directorate, Futures and Concepts Center, Army Futures Command

1000-1010 xTechSearch 3.0 competitors move to North Hall 3

1010-1030 SIGINT Systems
Compact Sensor for HF Signal Collection and DF Intelligence, Surveillance and Reconnaissance

1055-1115 Syncopated Engineering
Mocking Bird RF Decoy
Electronic Warfare; Command, Control, and Communications

1140-1200 TRX Systems
Dismount GPS-Denied and NAVWAR Threat Detection
Assured Position, Navigation, and Timing

1300-1330 Keynote: DoD Trusted Capital Program
GEN John M. Murray
Commanding General
United States Army Futures Command

1300-1330 LiquidPiston
LiquidPiston High Efficiency Auxiliary Power LEAP Unit
Power and Energy

1415-1435 Knight Technical Solutions
Fixed Displacement Turbine FDT
Power and Energy

1500-1520 Merciless Motors
Merciless Motors – New & Improved Electric Motor Technology
Power and Energy
# Army xTechSearch Program

**xTechSearch 4.0 Innovators Corner Agenda**

**Sessions are in North Hall 2**

**Tuesday, 17 March 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>0930-1000</td>
<td>Welcome Remarks and Judge Panel Introductions</td>
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<tr>
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<td><strong>HON Bruce Jette</strong></td>
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<td>Assistant Secretary of the Army (Acquisition, Logistics &amp; Technology)</td>
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<tr>
<td>1000-1020</td>
<td><strong>GeneCapture</strong></td>
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<td>Rapid Portable Infection Detection</td>
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<td>Medical</td>
</tr>
<tr>
<td>1035-1055</td>
<td><strong>KeriCure</strong></td>
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<td>Deployable Wound Care Products Mitigating Infection</td>
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<td>Medical</td>
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<td>1110-1130</td>
<td><strong>NeuroFlow</strong></td>
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<td>Soldier Psychological Wellbeing</td>
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<td>Medical</td>
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<tr>
<td>1140-1200</td>
<td><strong>Vita Inclinata Tech</strong></td>
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<td>Next Generation Autonomous Hoist Rescue Stabilization Systems</td>
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<td>Aeromedical Evacuation</td>
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<tr>
<td>1210-1230</td>
<td><strong>Inductive Ventures</strong></td>
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<td>Magnetic Braking and Electric Taxi for Helicopters</td>
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<td>Future Vertical Lift; Engineering</td>
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<td>1300-1330</td>
<td><strong>Keynote Speaker – Mr. Thomas Webber, SES</strong></td>
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<td>Director, Technical Center, U.S. Army Space and Missile Defense Command</td>
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<tr>
<td>1330-1350</td>
<td><strong>Bounce Imaging</strong></td>
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<td>Bounce Recce 360 – Thermal Integration</td>
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<td>Situational Awareness</td>
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<td>1405-1425</td>
<td><strong>Battle Sight Tech</strong></td>
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<td>NightFall</td>
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<td>Tracking and Locating</td>
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<td>1440-1500</td>
<td><strong>Lynq Tech</strong></td>
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<td>Lynq Smart Compass: Personnel and Asset Locator</td>
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<td>Tracking and Locating</td>
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<td>1510-1530</td>
<td><strong>Geopipe</strong></td>
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<td>AI-Built Real-World Synthetic Environments</td>
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<td>Synthetic Training Environment; Intelligence, Surveillance and Reconnaissance</td>
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<td>1540-1600</td>
<td><strong>Passenger, Inc.</strong></td>
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<td>MEMS Deep Immersion XR Glasses</td>
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<td>Synthetic Training Environment</td>
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**Wednesday, 18 March 2020**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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</table>
| 0930-1000 | Welcome Remarks by Mr. Larry Larimer, SES  
Director, Futures Integration Directorate, Futures and Concepts Center, Army Futures Command |
| 1000-1020 | **nLab (AKA NanoSystems Laboratory)**  
Diamond-Based Electronics for Next Generation Military Systems  
Advanced Electronics |
| 1035-1055 | **LumiShield**  
Lumidize: Non-toxic Metal Pretreatments for Paint Adhesion and Corrosion Resistance  
Protection; Sustainment |
| 1110-1130 | **FLITE Material Sciences**  
Self-Protecting Surfaces  
Protection; Sustainment |
| 1140-1200 | **Multiscale Systems**  
Protect the Protectors with Lighter and Stronger MetaCORE Materials  
Protection; Engineering |
| 1210-1230 | **DroneShield**  
Airborne UAS Detection: RF Spectrum Learning Recognition  
Counter Unmanned Aerial Systems |
| 1300-1330 | **Keynote:**  
**GEN John M. Murray**  
Commanding General  
United States Army Futures Command |
| 1330-1350 | **Novaa**  
Next Generation SATCOM  
Command, Control, and Communications |
| 1405-1425 | **IoT/Al**  
Edge as a Service – Radio+Analytics for soldiers and things  
Command, Control, and Communications |
| 1440-1500 | **FastVDO**  
Auto-VNIIRS by AI  
Intelligence, Surveillance and Reconnaissance |
| 1510-1530 | **Primal Space Systems**  
Transforming 3D Reconnaissance Data into Geospatial Intelligence  
Intelligence, Surveillance and Reconnaissance; Navigation |
| 1540-1600 | **MEI Micro**  
Tactical/Navigation Grade MEMs IMU Technology Platform  
Position, Navigation, and Timing |
## Army Civilian Career Programs

All sessions are in South Hall, U.S. Army Booth 717

### Tuesday, 17 March 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Program Description</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| 1015-1045 | Civilian Career Program  
CP 16 Engineering (Non-construction) | Mr. John S. Willison     |
| 1050-1140 | Civilian Career Program – The Army Contracting Professional-Career Talent Management  
CP 14 – Contracting | Mr. Stuart A. Hazlett     |
| 1400-1500 | Civilian Career Program – Future Army Logistics: Fusing Talent with Technology  
CP 13 – Supply  
CP 17 – Material Maintenance  
CP 24 – Transportation | Mr. William Moore         |

### Wednesday, 18 March 2020

<table>
<thead>
<tr>
<th>Time</th>
<th>Program Description</th>
<th>Instructor</th>
</tr>
</thead>
</table>
| 1400-1500 | Civilian Career Program  
CP 34 – Information Technology | Dr. Julie Cruz |